

THOMAS W. BARNES, Ph.D.
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April 16, 2007

Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

RE: SUBMISSION OF INFORMATION DISCLOSURE STATEMENT

Applicant : MOHAN, et al.
Serial No. : 10/665,330
Filed on : SEPTEMBER 19, 2003
Title : LOW DENSITY PAPERBOARD ARTICLES
Our Ref. : BLB-024566-V2

Dear Commissioner:

Enclosed herewith for filing, Applicant(s) respectfully submit(s) the following checked items:

Information Disclosure Statement by Applicant(s), _____ sheet(s), to which Form PTO/SB/08, _____ sheet(s), has been attached along with a copy of each reference(s) cited thereon;

Supplemental Information Disclosure Statement by Applicant(s), 2 sheet(s), to which Form PTO/SB/08, 5 sheet(s), has been attached along with a copy of each reference(s) cited thereon; and,

a postage-prepaid, return-receipt postcard with a listing of the above-checked items.

Please stamp the enclosed postcard and return same to me to indicate your receipt of the above-listed items. Please feel free to contact me if you have any questions concerning the above or the enclosed.

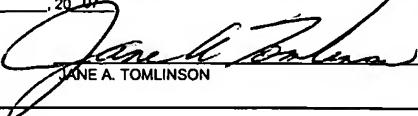
With kindest regards,


Thomas W. Barnes
Agent for Applicant(s)

Enclosures
TWB/jat

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 C.F.R. § 1.8

The undersigned hereby certifies that a true and accurate copy of the documents checked hereon, together with all attachments referred-to herein, is being transmitted to the Honorable Commissioner for Patents, either by first-class mail, postage prepaid, addressed to Commissioner for Patents, Post Office Box 1450, Alexandria, Virginia 22313-1450, or by facsimile transmission to the facsimile number indicated hereon, on this the 16th day of APRIL, 2007.


Jane A. Tomlinson



UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C., UNITED STATES OF AMERICA

In re Application of:

Applicant(s): MOHAN, et al.

Serial No.: 10/665,330

Filing Date: SEPTEMBER 19, 2003

Entitled: LOW DENSITY PAPERBOARD ARTICLES

Examiner: JOSE A. FORTUNA

Our File Ref.: BLB-024566-V2

Group Art Unit: 1731

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
SUBMITTED PURSUANT TO 37 C.F.R. 1.97(b)(3)**

Commissioner for Patents
United States Patent and Trademark Office
Post Office Box 1450
Alexandria, Virginia 22313-1450

Dear Commissioner:

In accordance with the duty of disclosure under 37 C.F.R. 1.56, Applicant(s) hereby notifies the U.S. Patent and Trademark Office of certain documents which the Examiner might deem relevant to the issue of patentability of the claims pending in the above-referenced patent application. Enclosed herewith please find Form PTO/SB/08, Information Disclosure Statement by Applicant, 5 sheet(s), and a copy of each reference cited thereon.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits. As such, neither a fee under 37 C.F.R. 1.17(p) nor a statement under 37 C.F.R. 1.97(e) is required; Applicant(s) respectfully requests pursuant to 37 C.F.R. 1.97(b)(3) that the Examiner considers each of the references disclosed herewith.

The submission of the documents enclosed herewith is not intended as an admission that such documents constitute prior art under Title 35 of the United States Code, as against the claims of the above-referenced patent application. Applicant(s) does not waive any right to take

action that would be appropriate to antedate or otherwise overcome the use of any document submitted herewith as prior art under Title 35 of the United States Code.

Applicant(s) respectfully requests that the Examiner initial each of the references listed on the attached Form PTO/SB/08 and return same to the undersigned attorney in accordance with MPEP 609.

Should the Examiner have any questions relating to the submission of the within Information Disclosure Statement or relating to the copies submitted therewith, Applicant(s) respectfully request that the Examiner contact the undersigned counsel, who can be reached at the telephone numbers listed below.

Date: 4/16/2007

Respectfully submitted,



Thomas W. Barnes, III Reg.52,595
Counsel for Applicant
International Paper Company
6285 Tri-Ridge Boulevard
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513.248.6000 telephone
513.248.6455 facsimile

APR 19 2007

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 149/PTO
U.S. TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	10/665,330
Filing Date	SEPTEMBER 19, 2003
First Named Inventor	MOHAN, et al.
Art Unit	1731
Examiner Name	FORTUNA, JOSE A.

Attorney Docket Number BLB-024566-V2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A	US- 3,293,114		12-20-1966	KENAGA, et al.	
B	US- 3,357,322		01-12-1965	L. D. GILL	
C	US- 3,468,467		09-23-1969	S. W AMBERG	
D	US- 3,556,934		01-19-1971	FRED J. MEYER	
E	US- 3,615,972		10-26-1971	MOREHOUSE JR, et al.	
F	US- 3,779,951		12-18-1973	ROBERT J. STREU	
G	US- 3,785,254		01-15-1974	ROBERT H. MANN	
H	US- 3,819,470		06-25-1974	SHAW, et al.	
I	US- 3,941,634		03-02-1976	FNISSER, et al.	
J	US- 4,051,277		09-27-1977	WILKINSON, et al.	
K	US- 4,133,688		01-09-1979	WIELAND H. SACK	
L	US- 4,179,546		12-18-1979	GARNER, et al.	
M	US- 4,233,325		11-11-1980	SLANGAN, et al.	
N	US- 4,237,171		12-02-1980	LAAGE, et al.	
O	US- 4,241,125		12-23-1980	CANNING, et al.	
P	US- 4,324,753		04-13-1982	ROBERT A. GILL	
Q	US- 4,435,344		03-06-1984	AKIRA IIOKA	
R	US- 4,451,585		05-29-1984	BENGT ANDERSSON	
S	US- 4,483,889		11-20-1984	BENGT ANDERSSON	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
F1	JP 2669767		1997	OJI PAPER CO.		
	EP0596750(english)					
	06-191606-JPabstract					

Examiner Signature		Date Considered
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(Use as many sheets as necessary)*

Sheet

2

of 5

Application Number	10/665,330
Filing Date	SEPTEMBER 19, 2003
First Named Inventor	MOHAN, et al.
Art Unit	1731
Examiner Name	FORTUNA, JOSE A.

Attorney Docket Number

BLB-024566-V2

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		Number-Kind Code ² (<i>if known</i>)			
T	US- 4,548,349		10-22-1985	ROBERT A. TUNBERG	
U	US- 4,581,285		04-05-1986	MAHEFKEY, JR. et al.	
V	US- 4,617,223		10-14-1986	HISCOCK, et al.	
W	US- 4,619,734		10-28-1986	INGMAR A. ANDERSSON	
X	US- 4,777,930		10-18-1988	MARVIN E. HARTZ	
Y	US- 4,781,243		11-01-1988	VOGEL, et al.	
Z	US- 4,836,400		06-06-1989	CHAFFEY, et al.	
A1	US- 4,898,752		02-06-1990	CAVAGNA, et al.	
A2	US- 4,902,722		02-20-1990	GEORGE E. MELBER	
A3	US- 4,946,737		08-07-1990	LINDEMAN, et al.	
A4	US- 4,982,722		01-08-1991	W. BURK WYATT	
A5	US- 4,988,478		01-29-1991	KURT HELD	
A6	US- 5,092,485		03-03-1992	T.T. LEE	
A7	US- 5,096,650		03-17-1992	DOUGLAS J. RENNA	
A8	US- 5,125,996		06-30-1992	CAMPBELL, et al.	
A9	US- 5,145,107		09-08-1992	SILVER, et al.	
B1	US- 5,226,585		07-13-1993	RICHARD VARANO	
B2	US- 5,363,982		11-15-1994	CLAUS E. SADLIER	
B3	US- 5,370,814		12-06-1994	IVAL O. SALYER	

FOREIGN PATENT DOCUMENTS

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Sheet

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of 15

Application Number	10/665,330
Filing Date	SEPTEMBER 19, 2003
First Named Inventor	MOHAN, et al.
Art Unit	1731
Examiner Name	FORTUNA, JOSE A.
Attorney Docket Number	BLB-024566-V2

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		Number-Kind Code ² (<i>if known</i>)			
B4	US- 5,424,519		06-13-1995	GIDEON SALEE	
B5	US- 5,454,471		10-03-1995	JEAN NORVELL	
B6	US- 5,477,917		12-26-1995	IVAL O. SALYER	
B7	US- 5,478,988		12-26-1995	HUGHES, et al.	
B8	US- 5,490,631		02-13-1996	IIOKA, et al.	
B9	US- 5,499,460		03-19-1996	BRYANT, et al.	
C1	US- 5,520,103		05-28-1996	ZIELINSKI, et al.	
C2	US- 5,601,744		02-11-1997	WAYNE D. BALDWIN	
C3	US- 5,637,389		06-10-1997	COLVIN, et al.	
C4	US- 5,705,242		01-06-1998	ANDERSEN, et al.	
C5	US- 5,759,624		06-02-1998	NEALE, et al.	
C6	US- 5,792,398		08-11-1998	BENGT ANDERSSON	
C7	US- 5,800,676		09-01-1998	KOLKE, et al.	
C8	US- 5,880,435		03-09-1999	WILLIAM M. BOSTIC	
C9	US- 5,884,006		03-16-1999	FROHLICH, et al.	
D1	US- 5,952,068		09-14-1999	NEALE, et al.	
	US-				
	US-				
	US-				

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
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		Filing Date	SEPTEMBER 19, 2003
		First Named Inventor	MOHAN, et al.
		Art Unit	1731
		Examiner Name	FORTUNA, JOSE A.
Sheet	4	of	5
		Attorney Docket Number	BLB-024566-V2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A	Tappi/May 1972, Vol. 55, No. 5, pg. 770-771	
	B	Tappi/December 1973, Vol. 56, No. 12, pg. 158-160	
	C	"The Use of Microspheres to Improve Paper Properties", by Soderberg, Paper Technology, August 1989, pgs. VIII/17-VII/21	
	D	"XPANCEL" An Introduction, a publication from Expancel, Box 13000, S0-850 13 Sundsvall, SWEDEN	
	E	"The Application of Microspheres for the Production of High Bulk Papers", by M. Baumeister, Das Papier, Vol. 26, no. 10A: 716-720 (1972)	
	F	"Microspheres find use as fiber replacement in low-density board", by David O. Bowen, Pulp & Paper November 1976, pg. 126-127	

Examiner Signature	Date Considered
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Sheet

5

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5

Application Number

10/665,330

Filing Date

SEPTEMBER 19, 2003

First Named Inventor

MOHAN, et al.

Art Unit

1731

Examiner Name

FORTUNA, JOSE A.

Attorney Docket Number

BLB-024566-V2

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	G	EXPANCEL - Expandable Microspheres in Paper and Board, by Mark Lunabba, KemaNord Plast AB, Sector	
		Microspheres, Box 13000, S-850 13 Sundsvall, SWEDEN	
	H	"Expandable Microspheres in Board", World Pulp & Paper Technology, pgs, 143-145	
	I	"Foams on the Cutting Edge", by Ray Erikson, January 1999	

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